

Serial No.: 10/718,713

IN THE CLAIMS:

1 to 17 (canceled).

18. (Currently Amended) An alternating current type plasma display comprising: a back substrate and a front substrate provided ~~to~~ as to face each other with a gas discharge space sandwiched between the back and front substrates; a pair of electrodes, covered with a dielectric layer, provided on one or both of the substrates; and a protective layer provided on the dielectric layer, the protective layer being produced by coating a coating liquid, substantially containing a partial hydrolyzate ~~derived from an alkaline earth metal compound having a hydrolysable reaction site~~ prepared from a composition comprising an alkaline earth metal compound comprising a magnesium alkoxide and an additive comprising a diethanolamine, on a dielectric layer provided on a substrate and heating the coating.

Serial No.: 10/718,713

19. (Currently Amended) The alternating current type plasma display according to claim 18, wherein the ~~partial hydrolyzate is prepared substantially from a composition comprising~~ further comprises

~~(1) an alkaline earth metal compound having a hydrolysable reaction site,~~

~~—— (2) an additive which can function to dissolve or disperse the alkaline earth metal compound in a solvent and to permit the hydrolysis of the alkaline earth metal compound to proceed in a rate-controlling manner,~~

~~—— (3) water is~~ in an amount not more than a stoichiometric amount relative to the hydrolysable reaction site of the magnesium alkoxide, and

~~(4) an organic solvent.~~

20. (Currently Amended) An alternating current type plasma display comprising: a back substrate and a front substrate provided so as to face each other with a gas discharge space sandwiched between the back and front substrates; a pair of electrodes, covered with a dielectric layer, provided on one or

Serial No.: 10/718,713

both of the substrates; and a protective layer provided on the dielectric layer, the protective layer comprising an alkaline earth metal oxide film formed by coating a coating liquid, substantially containing a partial hydrolyzate prepared from a composition comprising

(1) an alkaline earth metal compound having a hydrolysable reaction site,

(2) an additive ~~which~~ that can function to dissolve or disperse the alkaline earth metal compound in an organic solvent and to permit the hydrolysis of the alkaline earth metal compound to proceed in a rate-controlling manner, and

(3) an organic solvent,
on a dielectric layer provided on a substrate and heating the coating, wherein the alkaline earth metal compound is a magnesium alkoxide and the additive is a diethanolamine.

Serial No.: 10/718,813

21. and 22 (Canceled)

23. (Currently Amended) The alternating current type plasma display according to claim 18, wherein the alkaline earth metal oxide film is formed of magnesium oxide particles having a diameter of not more than 0.3 μm .

24. to 27. (Canceled)